

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081619\
 Data File : VN057341.D
 Acq On : 15 Aug 2019 19:06
 Operator : JC/SP
 Sample : K4264-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(2)

Quant Time: Aug 16 03:04:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

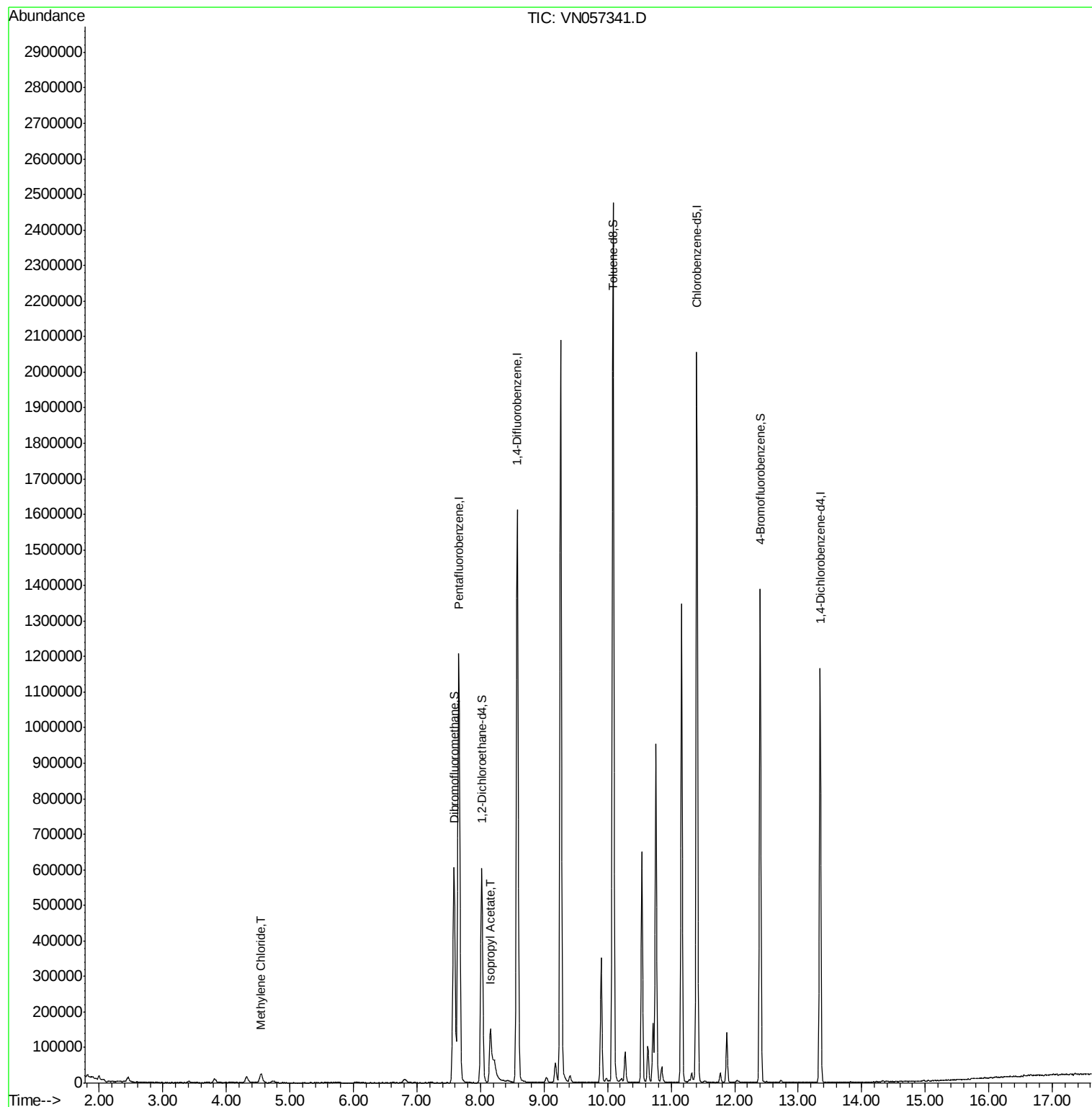
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1109106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1542594	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	1310327	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	347227	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	522933	43.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.74%	
35) Dibromofluoromethane	7.58	113	468555	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
50) Toluene-d8	10.09	98	1811631	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
62) 4-Bromofluorobenzene	12.40	95	487250	37.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	74.56%	
Target Compounds						
20) Methylene Chloride	4.55	84	21013	1.796	ug/l	98
43) Isopropyl Acetate	8.16	43	199942	8.873	ug/l #	82

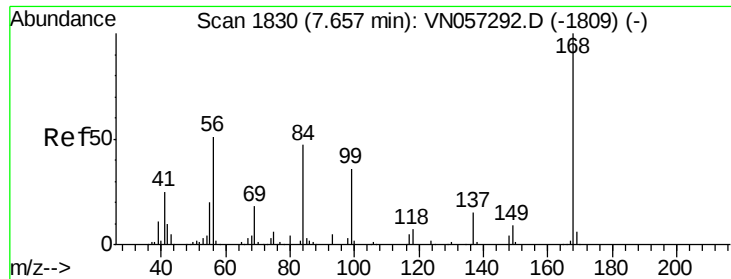
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081619\
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QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

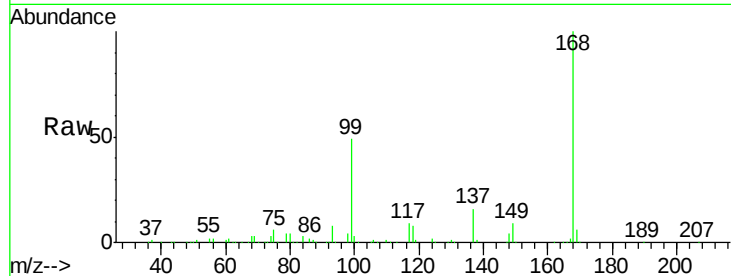
Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(2)

Tot Ion:168 Resp: 1109106

Ion Ratio Lower Upper

168 100

99 49.2 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

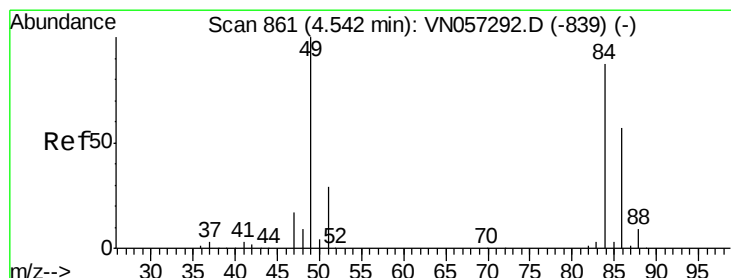
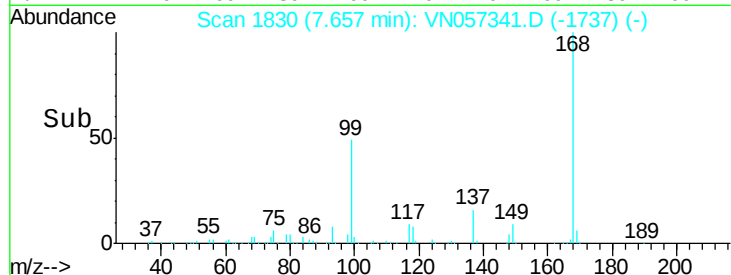
300000

200000

100000

0

Time-->



#20

Methylene Chloride

Concen: 1.796 ug/l

RT: 4.55 min Scan# 863

Delta R.T. 0.01 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Tgt Ion: 84 Resp: 21013

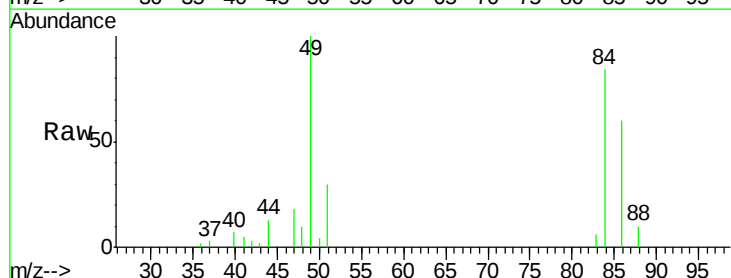
Ion Ratio Lower Upper

84 100

49 116.1 92.0 138.0

51 35.2 27.1 40.7

86 67.9 52.2 78.2



Abundance Ion 83.90 (83.60 to 84.60): VNO

Ion 48.90 (48.60 to 49.60): VNO

Ion 50.90 (50.60 to 51.60): VNO

Ion 85.90 (85.60 to 86.60): VNO

10000

8000

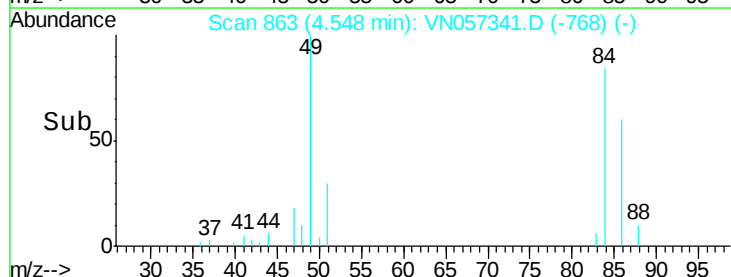
6000

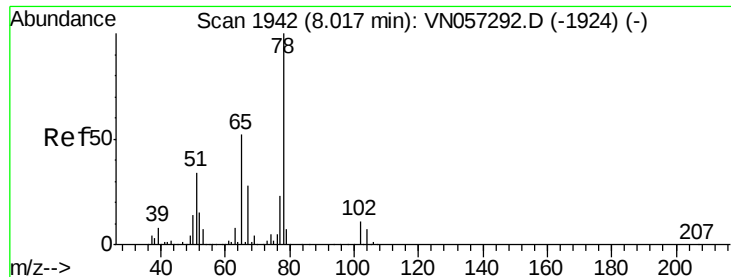
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 43.371 ug/l

RT: 8.02 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

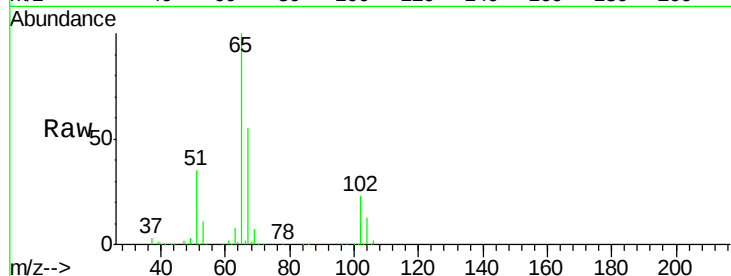
REACTOR-3-C3-(2)

Tot Ion: 65 Resp: 522933

Ion Ratio Lower Upper

65 100

67 54.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN057341.D (-1849) (-)

Ion 66.90 (66.60 to 67.60): VN057341.D (-1849) (-)

8.02

250000

200000

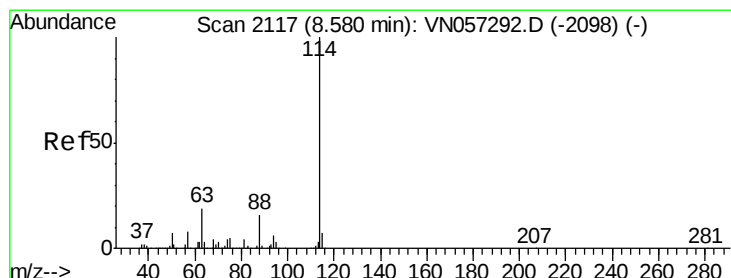
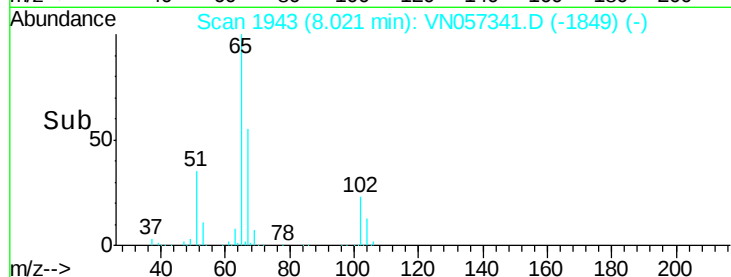
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2117

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

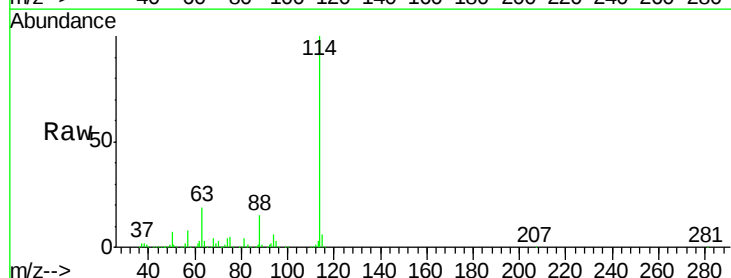
Tgt Ion: 114 Resp: 1542594

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.8

88 14.8 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): VN057341.D (-2024) (-)

Ion 63.00 (62.70 to 63.70): VN057341.D (-2024) (-)

Ion 87.90 (87.60 to 88.60): VN057341.D (-2024) (-)

8.58

1000000

800000

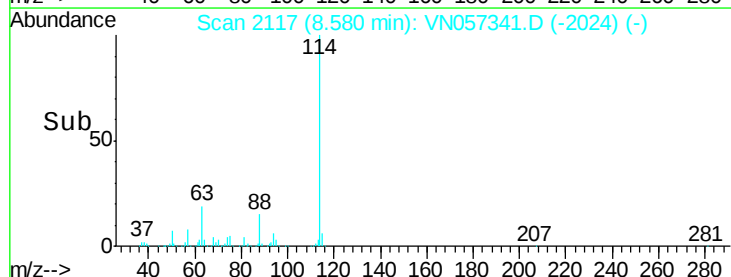
600000

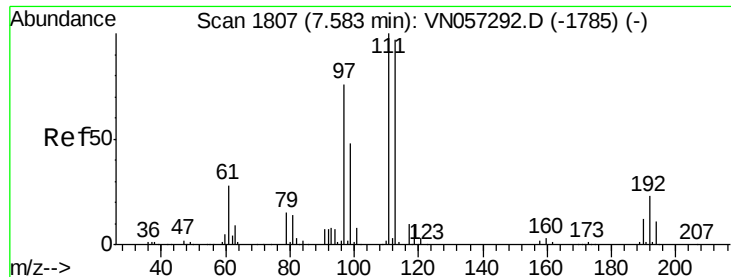
400000

200000

0

Time-->

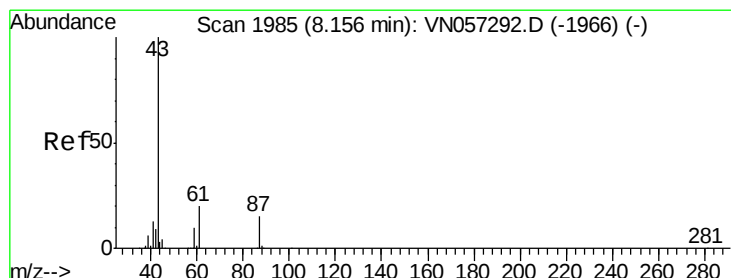
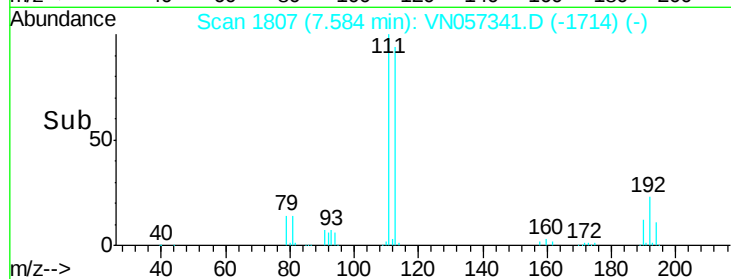
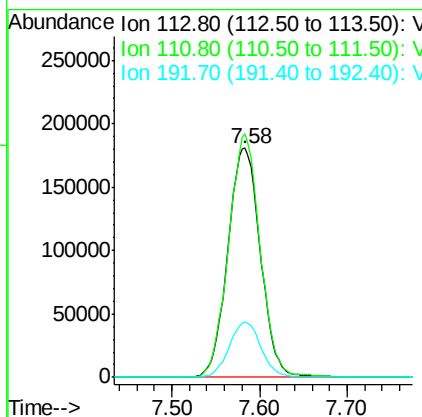
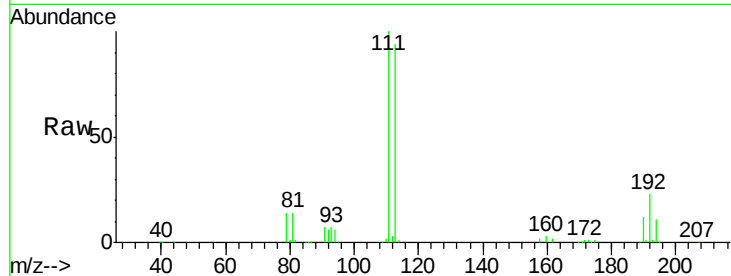




#35
 Dibromofluoromethane
 Concen: 46.336 ug/l
 RT: 7.58 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

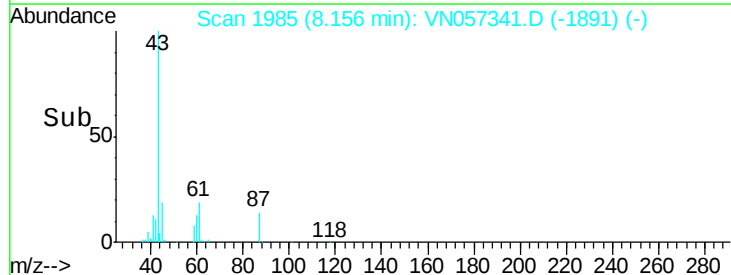
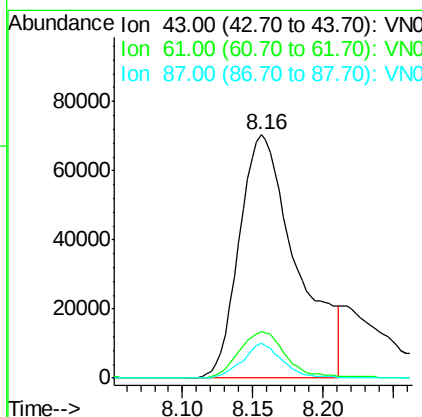
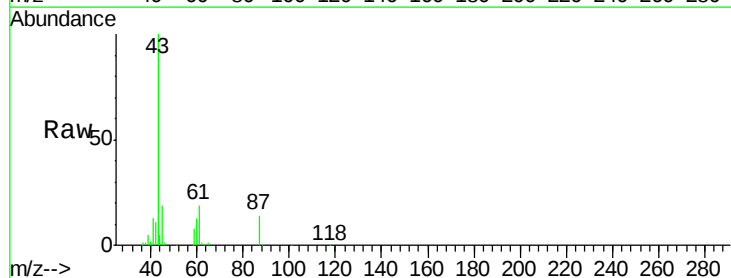
Instrument :
 MSVOA_N
 ClientSampleId :
 REACTOR-3-C3-(2)

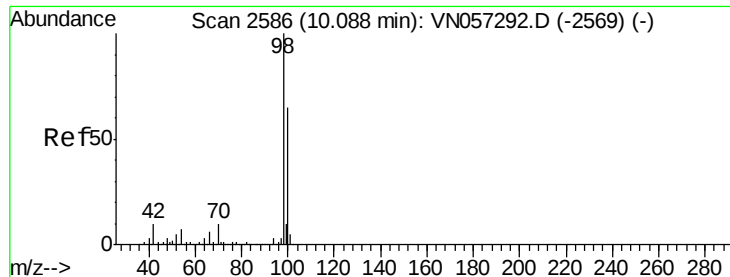
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.1	123.1
192	23.6	19.3	28.9



#43
 Isopropyl Acetate
 Concen: 8.873 ug/l
 RT: 8.16 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VN057341.D
 Acq: 15 Aug 2019 19:06

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.7	21.6	32.4#
87	9.9	11.4	17.0#





#50

Toluene-d8

Concen: 48.983 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

Instrument :

MSVOA_N

ClientSampleId :

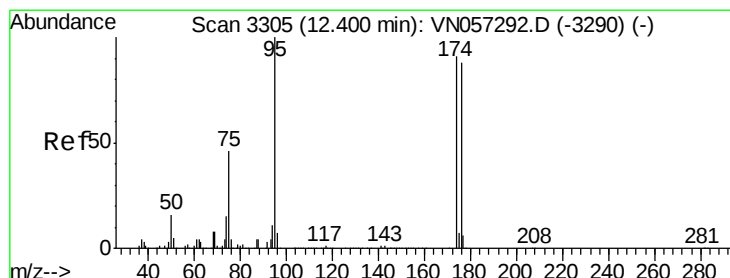
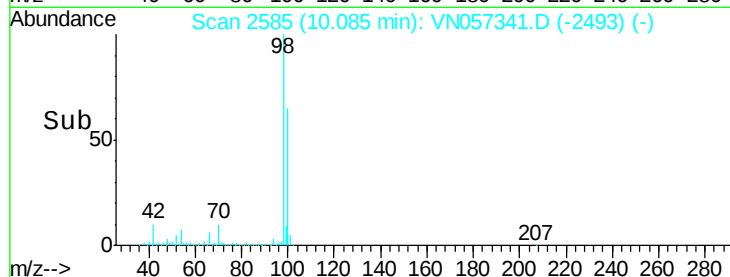
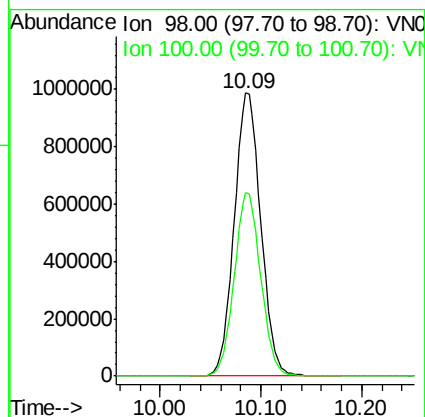
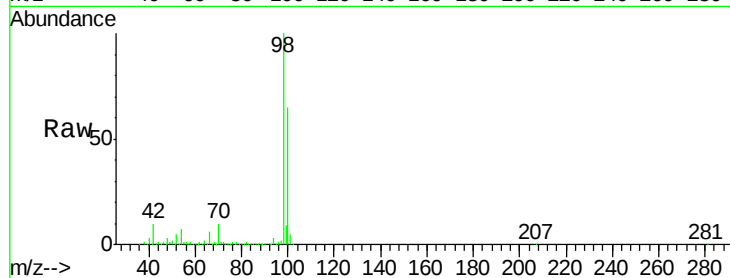
REACTOR-3-C3-(2)

Tot Ion: 98 Resp: 1811631

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 37.279 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN057341.D

Acq: 15 Aug 2019 19:06

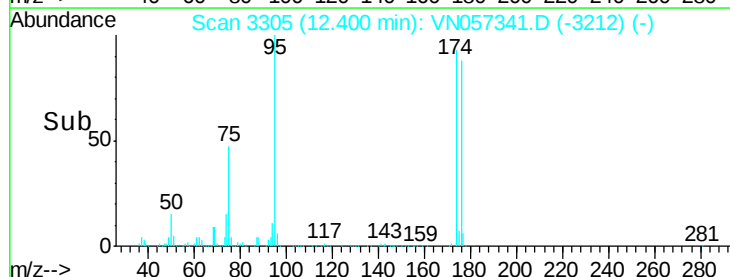
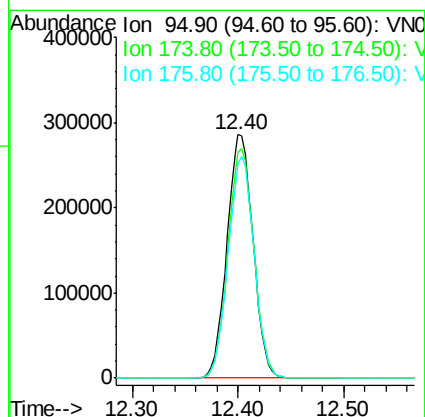
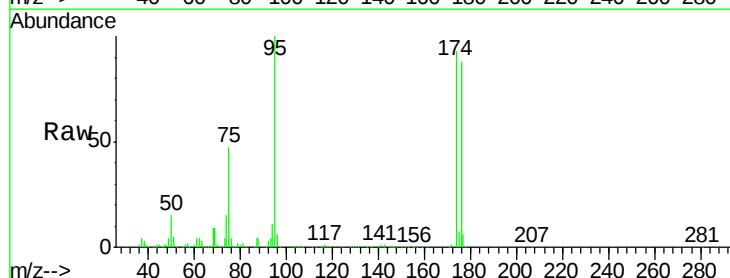
Tgt Ion: 95 Resp: 487250

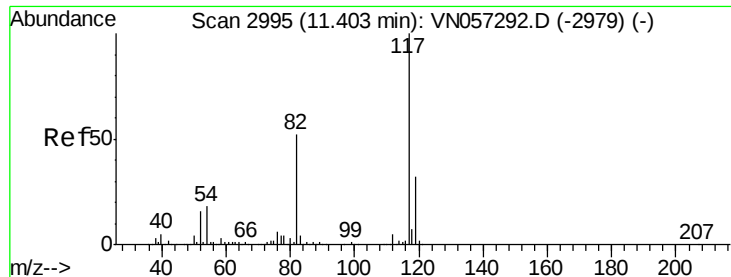
Ion Ratio Lower Upper

95 100

174 94.2 0.0 185.0

176 90.4 0.0 181.0

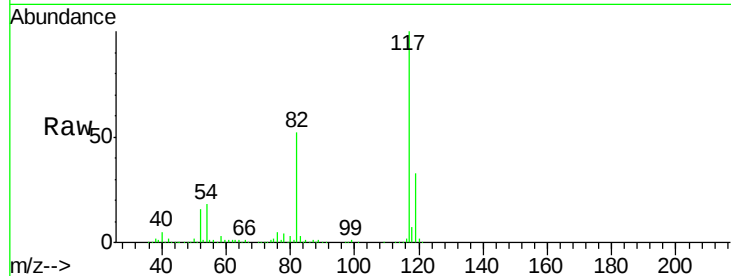




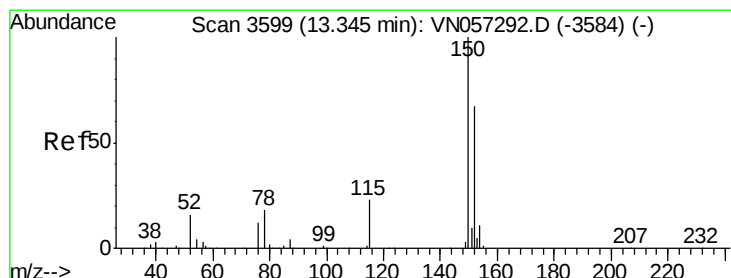
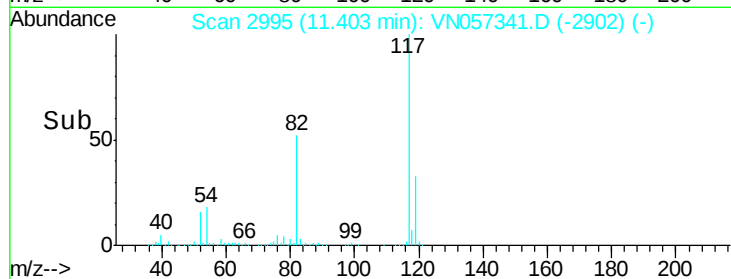
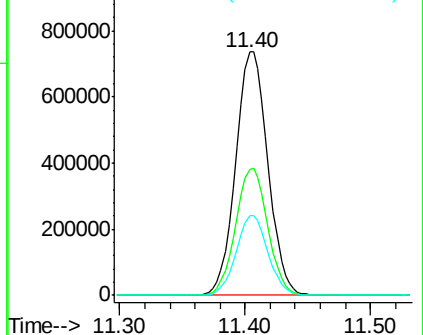
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

Instrument :
MSVOA_N
ClientSampleId :
REACTOR-3-C3-(2)

Tot Ion:117 Resp: 1310327
Ion Ratio Lower Upper
117 100
82 51.8 41.2 61.8
119 32.6 25.8 38.8

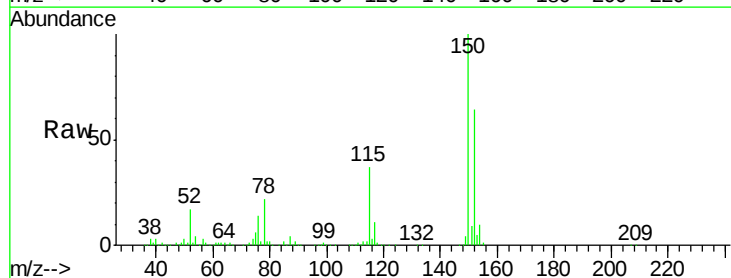


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057341.D
Acq: 15 Aug 2019 19:06

Tgt Ion:152 Resp: 347227
Ion Ratio Lower Upper
152 100
115 56.1 27.3 81.9
150 156.8 0.0 344.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

